

WHAT IS CLAIMED IS:

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1. A storage device for maintaining information when power is OFF and being capable of executing a test process based on test signals, comprising:
- 10 a test terminal inputting the test signals;
- an instruction part sending a read out instruction for instructing a memory storing secret data to read out data;
- 15 a decoding part decoding whether or not the data read out by the memory in response to the data reading instruction is the secret data stored in the memory;
- a maintaining part maintaining information
- 20 in a volatile state resulting from the decoding part; and
- a cutting-off part cutting off the test signals input from the test terminal when the maintaining part maintains information indicating
- 25 that the secret data is stored.
- 30 2. The storage device as claimed in claim 1, wherein said read out instruction sent by said instruction part is a secret data read out instruction for instructing the memory storing secret data to read out the secret data.
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3. The storage device as claimed in claim
1, wherein said read out instruction sent by said
instruction part is a data read out instruction for
5 instructing the memory storing secret data to read
out all data stored in the memory other than working
data.

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4. The storage device as claimed in claim
1, wherein said read out instruction sent by said
instruction part is a data read out instruction for
15 instructing the memory storing secret data to read
out data indicating a presence of the secret data
stored in an area that is not for the secret data.

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5. The storage device as claimed in claim
1, wherein said instruction part sends the read out
instruction when the power is ON.

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6. The storage device as claimed in claim
30 1, wherein said instruction part sends the read out
instruction when the memory is reset.

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7. The storage device as claimed in claim
1, wherein said instruction part sends the read out

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